

APPENDIX

(1) **Sales Information.**—National Ocean Service (NOS) publications, nautical charts and unclassified National Imagery and Mapping Agency (NIMA) nautical charts are sold by NOS and its authorized sales agents in many U.S. ports and in some foreign ports through the National Aeronautical Charting Office. Mail orders should be addressed to:

- (2) National Aeronautical Charting Office, AVN-530
- (3) FAA Distribution Division
- (4) 6501 Lafayette Avenue
- (5) Riverdale, MD 20737-1199

(6) Mail orders must be accompanied by a check or money order (payable in U.S. funds) payable to FAA. Remittance from outside the United States should be made either by an International Money Order or by a check payable on a U.S. bank. Chart catalogs, which include a listing of authorized sales agents, are free upon request. Telephone orders may be placed by calling 301-436-8301 or toll-free 1-800-638-8972 (Visa or Mastercard accepted); or by FAX, 301-436-6829 or by Email: 9-AMC-Chartsales@faa.gov. NOS maintains an over-the-counter sales office at the FAA, Riverdale, MD (see address above). Visa, Mastercard, checks, cash, and money orders are accepted. Sales information is located on the internet website address, <http://www.naco.faa.gov>.

(7) **National Ocean Service Offices**

(8) **Washington, DC** (Headquarters): Assistant Administrator, National Ocean Service, NOAA, Herbert C. Hoover Building, 14th Street and Constitution Avenue, NW, Room 5805, Washington, DC 20230-0001.

(9) **Silver Spring:** Chief, Office of Coast Survey, National Ocean Service, NOAA, 1315 East-West Highway, Silver Spring, MD 20910-3282.

(10) **Norfolk:** Director, Atlantic Marine Center, National Ocean Service, NOAA, 439 West York Street, Norfolk, VA 23510-1114.

(11) **Seattle:** Director, Pacific Marine Center, National Ocean Service, NOAA, 1801 Fairview Avenue East, Seattle, WA 98102-3767.

(12) **Charts and Publications—National Ocean Service**

(13) **Nautical Charts** (See Chart Catalogs)

(14) United States Coastal and Intracoastal waters, and possessions.

(15) Great Lakes, Lake Champlain, New York State Canals, and the St. Lawrence River-St. Regis to Cornwall, Canada.

(16) **Publications** (See the publication **Dates of Latest Editions** for latest editions and prices)

(17) **Coast Pilot**

(18) U.S. Coast Pilot 1, Atlantic Coast, Eastport to Cape Cod.

(19) U.S. Coast Pilot 2, Atlantic Coast, Cape Cod to Sandy Hook.

(20) U.S. Coast Pilot 3, Atlantic Coast, Sandy Hook to Cape Henry.

(21) U.S. Coast Pilot 4, Atlantic Coast, Cape Henry to Key West.

(22) U.S. Coast Pilot 5, Atlantic Coast-Gulf of Mexico, Puerto Rico, and Virgin Islands.

(23) U.S. Coast Pilot 6, Great Lakes, Lakes Ontario, Erie, Huron, Michigan and Superior and St. Lawrence River.

(24) U.S. Coast Pilot 7, Pacific Coast, California, Oregon, Washington, and Hawaii.

(25) U.S. Coast Pilot 8, Pacific Coast Alaska, Dixon Entrance to Cape Spencer.

(26) U.S. Coast Pilot 9, Pacific and Arctic Coasts, Alaska-Cape Spencer to Beaufort Sea.

(27) **Distance Tables**

(28) Distances Between United States Ports.

(29) **Tide Tables**

(30) Europe and West Coast of Africa.

(31) East Coast, North and South America.

(32) West Coast, North and South America.

(33) Central and Western Pacific Ocean and Indian Ocean.

(34) Supplemental Tidal Predictions—Anchorage, Nikiski, Seldovia, and Valdez, Alaska.

(35) **Tidal Current Tables**

(36) Boston Harbor.

(37) Atlantic Coast, North America.

(38) Pacific Coast, North America and Asia.

(39) **Tidal Current Charts/Atlas**

(40) Boston Harbor.

(41) Narragansett Bay to Nantucket Sound.

(42) Narragansett Bay

(43) Long Island Sound and Block Island Sound.

(44) Delaware Bay and River Atlas.

(45) Upper Chesapeake Bay.

(46) Charleston Harbor, S.C., including the Wando, Cooper, and Ashley Rivers.

(47) Tampa Bay.

(48) Puget Sound, Northern Part.

(49) Puget Sound, Southern Part.

(50) **Regional Tide and Tidal Current Table**

(51) New York to Chesapeake Bay.

(52) **Dates of Latest Editions** gives the edition and date of the latest edition of charts and publications of the National Ocean Service. Published quarterly and available free from the National Aeronautical Charting Office, AVN-530, Federal Aviation Administration, Riverdale, MD 20737-1199; telephone 1-800-638-8972.

(53) **Charts and Publications—Other U.S. Government Agencies**

(54) **Government Printing Office.**—Publications of the U.S. Government Printing Office may be ordered from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-9325. Orders may be charged to Visa or Mastercard by calling 202-512-1800 during normal business hours. Inquiries on availability, cost, etc. of GPO publications may be addressed to a 24-hour FAX number: 202-512-2250.

(55) **National Imagery and Mapping Agency Procurement Information.**—Unclassified publications produced by the National Imagery and Mapping Agency (NIMA) are available from the U.S. Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-1954. Orders can be placed on the U.S. Government Online Bookstore (<http://bookstore.gpo.gov>), by phone (202-512-1800) or by FAX (202-512-2250). Classified NIMA publications and charts are available to authorized users from Defense Supply Center Richmond (Attn: JNAA), 8000 Jefferson Davis Highway, Richmond, VA 23297-5336. NIMA Customer Assistance Office can be contacted at 1-800-826-0342.

(56) A partial list of publications and charts considered of navigational value is included for the ready reference of the mariner. In addition to the agents located in the principal seaports handling publication sales, certain libraries have been designated by the Congress of the United States to receive the publications as issued for public review.

(57) **Nautical Charts**

(58) U.S. Waters:

(59) Apalachicola, Chattahoochee and Flint Rivers Navigation Charts, Alabama River Charts, and Black Warrior-Tombigbee Rivers River Charts: Published and for sale by U.S. Army Engineer District Mobile, P.O. Box 2288, 109 St. Joseph Street, Mobile, AL 36628-0001.

(60) Flood Control and Navigation Maps of the Mississippi River, Cairo, Ill. to the Gulf of Mexico: Published by Mississippi River Commission and for sale by U.S. Army Engineer District Vicksburg, P.O. Box 60, U.S. Post Office and Courthouse, Vicksburg, MS 39180-0060.

(61) Upper Mississippi River Navigation Charts (Mississippi River, Cairo, Ill. to Minneapolis, Minn.): Published by U.S. Army Engineer North Central Division and for sale by U.S. Army Engineer District St. Louis, 210 N. Tucker Boulevard, St. Louis, MO 63101-1986.

(62) Charts of the Illinois Waterway, from Mississippi River at Grafton, Ill. to Lake Michigan at Chicago and Calumet Harbors: Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., Rock Island, IL 61201-2004.

(63) Foreign Waters: Published by National Imagery and Mapping Agency (see National Imagery and Mapping Agency Procurement Information above).

(64) **Marine Weather Services Charts:** Published by the National Weather Service; for sale by NOS Distribution Division (see Sales Information above).

(65) **Publications**

(66) **Notices to Mariners:** The Local Notice to Mariners is available without charge upon application to the appropriate Coast Guard District Commander (see address further on). The National Imagery and Mapping Agency Notice to Mariners is available without charge by operators of ocean-going vessels (see National Imagery and Mapping Agency Procurement Information above).

(67) **Special Notice to Mariners** are published annually in National Imagery and Mapping Agency Notice to Mariners 1. These notices contain important information of considerable interest to all mariners. Interested parties are advised to read these notices.

(68) **Light Lists (United States and Possessions):** Published by U.S. Coast Guard; for sale by the Government Printing Office. (See Government Printing Office, early this appendix.)

(69) **List of Lights (Foreign Countries):** Published by National Imagery and Mapping Agency (see National Imagery and Mapping Agency Procurement Information above).

(70) **Sailing Directions (Foreign Countries):** Published by National Imagery and Mapping Agency (see National Imagery and Mapping Agency Procurement Information above).

(71) **Radio Navigational Aids, Pub. 117:** Published by National Imagery and Mapping Agency (see National Imagery and Mapping Agency Procurement Information above).

(72) **The Nautical Almanac, the Air Almanac, and Astronomical Almanac:** Published by U.S. Naval Observatory; for sale by Government Printing Office. (see Government Printing Office, early this appendix.)

(73) **American Practical Navigator (Bowditch)** (Pub. 9): Published by National Imagery and Mapping Agency (see National Imagery and Mapping Agency Procurement Information above).

(74) **International Code of Signals** (Pub. 102): Published by National Imagery and Mapping Agency (see National Imagery and Mapping Agency Procurement Information above).

(75) **Marine Product Dissemination Information:** maintained by the National Weather Service on the internet, (<http://www.nws.noaa.gov/om/marine/home.htm>).

(76) **Navigation Rules:** Navigation Rules, International-Inland (COMDTINST M16672.2 series): Published by the U.S. Coast Guard; for sale by Government Printing Office. (See Government Printing Office, early this appendix.)

(77) **Federal Requirements for Recreational Boats:** Published by U.S. Coast Guard; available without charge by contacting the toll free Boating Safety Hotline (telephone, 800-368-5647).

(78) **Port Series of the United States:** Published and sold by Corps of Engineers, U.S. Army, Water Resources Support Center, Navigation Data Center (703-428-8059), Ports & Waterways Division (CEWRC-NDC-P), 7701 Telegraph Road, Casey Building, Alexandria, VA 22315-3868.

(79) **Maritime Radio Users Handbook:** Published and sold by Radio Technical Commission for Maritime Services, 655 Fifteenth Street, N.W., Suite 300, Washington, DC 20005-5701.

(80) **National Ocean Service Center for Operational Oceanographic Products and Services**

(81) **For Tide and Tidal Current Predictions:**

(82) Products and Services Division (N/OPS3)

(83) Room 7115

(84) 1305 East-West Highway

(85) Silver Spring, MD 20910-3281

(86) TEL 301-713-2815 Exts. 123, 119, 122

(87) FAX 301-713-4500 (24 hours)

(88) EMAIL Tide.Predictions@noaa.gov

(89) **For Tide Observations, Datums and Levels, Benchmark Sheets:**

(90) Products and Services Division (N/OPS3)

(91) Room 7317

(92) 1305 East-West Highway

(93) Silver Spring, MD 20910-3281

(94) TEL 301-713-2877 Exts. 176, 152

(95) FAX 301-713-4437 (24 hours)

(96) EMAIL Stephen.Lyles@noaa.gov

(97) **PORTS® Information and Data**

(98) Products and Services Division (N/OPS3)

(99) Room 7317

(100) 1305 East-West Highway

(101) Silver Spring, MD 20910-3281

(102) TEL 301-713-2877 Exts. 176, 152, 149, 148

(103) FAX 301-713-4437 (24 hours)

(104) EMAIL Stephen.Lyles@noaa.gov

(105) **Publishers of Tide Tables and Tidal Current Tables:**

(106) **ProStar Publications Inc.**

(107) 8643 Hayden Place

(108) Culver City, CA 90232-2901

(109) TEL 1-310-280-1010 or 800-481-6277

(110) FAX 1-310-280-1025 or 800-487-6277 (24 hours)

(111) **Thomas Reed Publications, Inc**

(112) 293 South Main Street

- (113) Providence, RI 02903
- (114) TEL 1-800-995-4995 or 401-454-8300
- (115) FAX 1-401-454-8455 (24 hours)

(116) **International Marine**

- (117) P.O. Box 547
- (118) Backlick, OH 43004
- (119) TEL 1-800-262-4729
- (120) FAX 1-614-759-3641

(121) **U.S. Army Corps of Engineers (USACE) Offices**

(122) **Norfolk District:** 803 Front Street, Norfolk, VA 23510-1096. Coastal and tributary waters of Virginia, including the Chesapeake Bay and its tributaries south of Pocomoke River on the eastern shore and south of Smith Point, VA, on the western shore except for Little Wicomico River, VA Chowan River Basin downstream to and including the mouth of Meherrin River. The Albemarle and Chesapeake Canal within the State of Virginia and the Great Dismal Swamp Canal to Albemarle Sound.

(123) **Wilmington District:** 69 Darlington Avenue, Wilmington, NC 28403-1343. Coastal and tributary waters of North Carolina except for Chowan River Basin above the mouth of Meherrin River and the navigation project in Pasquotank River. The Atlantic Intracoastal Waterway within North Carolina to Little River, S.C., except the Great Dismal Swamp Canal north of Albemarle Sound, which is within the Norfolk District.

(124) **Charleston District:** Federal Building, 334 Meeting Street, Charleston, SC 29402-0919. Coastal and tributary waters of South Carolina. The Atlantic Intracoastal Waterway within South Carolina from Little River to, and including, Port Royal Sound.

(125) **Savannah District:** Juliette Gordon Low Building, 100 West Oglethorpe Avenue, Savannah, GA. Coastal and tributary waters of Georgia from Port Royal Sound, S.C. to Cumberland Sound, FL, and the Atlantic Intracoastal Waterway between the same points.

(126) **Jacksonville District:** Federal Building, 400 West Bay Street, Jacksonville, FL 32202. Coastal and tributary waters of Florida from Fernandina to the Aucilla River in Apalachee Bay and the waters of Puerto Rico and the Virgin Islands. The Atlantic Intracoastal Waterway between Fernandina and Key West and the Gulf Intracoastal Waterway between Key West and St. Marks.

(127) **Environmental Protection Agency (EPA).**—Regional offices and States in the EPA coastal regions:

(128) **Region I** (New Hampshire, Vermont, Maine, Massachusetts, Connecticut, Rhode Island): J.F. Kennedy Federal Bldg., Boston, MA 02203.

(129) **Region II** (New Jersey, New York, Puerto Rico, Virgin Islands): 26 Federal Plaza, New York, NY 10278.

(130) **Region III** (Delaware, Maryland, Virginia, District of Columbia, Pennsylvania): 841 Chestnut Street, Philadelphia, PA 19107.

(131) **Region IV** (Alabama, Florida, Georgia, Mississippi, South Carolina, North Carolina): 345 Courtland Street, NE., Atlanta, GA 30365.

(132) **Region V** (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin): 230 South Dearborn Street, Chicago, IL 60604.

(133) **Region VI** (Louisiana, Texas): 1445 Ross Avenue, Dallas, TX 75270.

(134) **Region IX** (California, Hawaii, Guam): 215 Fremont Street, San Francisco, CA 94105.

(135) **Region X** (Alaska, Oregon, Washington): 1200 Sixth Avenue, Seattle, WA 98101.

(136) **Coast Guard District Offices**

(137) Commander, Fifth Coast Guard District, Federal Building, 431 Crawford Street, Portsmouth, VA 23704-5004. Delaware; Maryland; Virginia; District of Columbia; North Carolina: that portion of New Jersey south of latitude 39°57'N., west of longitude 74°27'W., and southwest of a line extending northwesterly from 39°57'N., 74°27'W., to the New York, New Jersey, and Pennsylvania boundaries at Tristate; that portion of Pennsylvania east of a line drawn along 78°55'W., south to 41°00'N., thence west to 70°00'W. and thence south to the Pennsylvania-Maryland boundary; the ocean area encompassed by a line bearing 122°T from the New Jersey shoreline at 39°57'N., (in the vicinity of the mouth of Toms River, New Jersey) to 36°43'N., 67°30'W.; thence along a line bearing 219°T to the point of intersection with a line bearing 122°T from the shoreline at the North Carolina-South Carolina border; thence northwesterly along this line to the coast.

(138) Commander, Seventh Coast Guard District, Brickell Plaza Federal Building, 909 SE First Avenue, Miami, FL 33131-3050. Coastal waters and tributaries of South Carolina, Georgia, Florida eastward of longitude 83°50'W., Puerto Rico, U.S. Virgin Islands, and the adjacent islands of the United States.

(139) **Note.**—A Marine Safety Office combines the functions of the Captain of the Port and Marine Inspection Office.

(140) The symbol (D) preceding an office indicates that a Documentation Office is at the same address.

(141) **Coast Guard Marine Safety Offices**

(142) Charleston, SC: 196 Tradd Street 29401-1817.

(143) (D) Hampton Roads, Norfolk, VA: Norfolk Federal Bldg., 200 Granby Mall, Suite 700, 23510-1888.

(144) Jacksonville, FL: 7820 Arlington Expy., Suite 400, 32211-7445.

(145) (D) Miami, FL: P.O. Box 01-6940, 33101-6940.

(146) Savannah, GA: Juliette G. Low Federal Bldg., 100 W. Oglethorpe Avenue, Suite 1017, 31401.

(147) Wilmington, NC: 272 N. Front Street, Suite 500, 28401-3907.

(148) **Coast Guard Stations.**—The stations listed are in the area covered by this Coast Pilot. They have search and rescue capabilities and may provide lookout, communication, and/or patrol functions to assist vessels in distress. The National VHF-FM Distress System provides continuous coastal radio coverage outwards to 20 miles on channel 16. After contact on channel 16, communications with the Coast Guard should be on channel 22A. If channel 22A is not available to the mariner, communications may be made on channel 12. Selected stations guard the International Radiotelephone Distress, Safety and Calling Frequencies.

(149) **Virginia:**

(150) Portsmouth Station (36°53.0'N., 76°21.2'W.). On the west side of the entrance to Craney Island Creek.

(151) **North Carolina:**

(152) Elizabeth City Air Station (36°15.8'N., 76°10.5'W.). About 3.5 miles southeastward of Elizabeth City, N.C., on the south bank of Pasquotank River.

(153) Oregon Inlet Station (35°47.8'N., 75°33.0'W.). Southerly end of Bodie Island.

- (154) Hatteras Inlet Station (35°12.5'N., 75°42.4'W.). Southern end of Hatteras Island, 1 mile southwestward of town of Hatteras.
- (155) Ocracoke Station (35°06.9'N., 75°59.1'W.). At Ocracoke, about 0.4 mile northward of Ocracoke Light.
- (156) Hobucken Station (35°14.8'N., 76°35.6'W.). On the Intracoastal Waterway at Mile 157.1 just north of the Hobucken Bridge.
- (157) Fort Macon Base (34°41.8'N., 76°40.9'W.). About 0.1 mile westward of Fort Macon.
- (158) Swansboro Station (34°38.8'N., 77°05.8'W.). About 1 mile east of Bogue Inlet, on West end of Bogue Banks.
- (159) Wrightsville Beach Station (34°11.3'N., 77°48.7'W.). Southwestern end of Wrightsville Beach at Masonboro Inlet.
- (160) Oak Island Station (33°53.6'N., 78°02.1'W.). West side of mouth of Cape Fear River on Oak Island.
- (161) **South Carolina:**
- (162) Georgetown Station (33°20.8'N., 79°16.2'W.). West bank at the Great Pee Dee River about 0.25 mile south of U.S. Route 17 highway bridge.
- (163) Charleston Base (32°46.4'N., 79°56.6'W.). East side of Ashley River 0.8 mile above the Battery.
- (164) **Georgia:**
- (165) Tybee Station (32°02.1'N., 80°54.4'W.). North side of Cockspur Island.
- (166) Savannah Air Station (34°01.0'N., 81°09.0'W.). At Hunter Air Force Base.
- (167) St. Simons Island Station (31°08.7'N., 81°22.4'W.). Near south end of St. Simons Island.
- (168) **Florida:**
- (169) Mayport Base (30°23.3'N., 81°26.1'W.). On the east side of St. Johns River at the southerly end of waterfront at Mayport.
- (170) Ponce de Leon Inlet Station (29°03.9'N., 80°54.9'W.). At south side of entrance to the inlet.
- (171) Port Canaveral Station (28°25.0'N., 80°37.3'W.). North side of Canaveral Barge Canal at the northeast corner of West Basin.
- (172) Fort Pierce Station (27°27.8'N., 80°18.4'W.). South side of Fort Pierce Inlet, 1.2 miles west of the outer end of south jetty.
- (173) Lake Worth Inlet Station (26°47'19"N., 80°03'04"W.). About one mile north of the entrance channel on the west side of the Intracoastal Waterway.
- (174) Fort Lauderdale Station (26°05.3'N., 80°06.8'W.). On the east side of the Intracoastal Waterway at Mile 1066.8.
- (175) Miami Air Station (25°52.8'N., 80°15.2'W.). At Opa Locka Airport, northwest part of Miami.
- (176) Miami Beach Base (25°46.2'N., 80°08.7'W.). On the north side of Miami Harbor Channel, 1.2 miles northwestward from outer end of north jetty.
- (177) Islamorada Station (24°57.2'N., 80°35.2'W.). At the southwestern end of Plantation Key.
- (178) Marathon Station (24°42.6'N., 81°06.4'W.). On the north side of Vaca Key, 1.1 miles eastward of Knight Key Channel.
- (179) Key West Station (24°33.9'N., 81°48.0'W.). At Pier D2, Trumbo Street.
- (180) **Coast Guard Radio Broadcasts.**—Urgent, safety, and scheduled marine information broadcasts are made by Coast Guard radio stations. In general, these broadcasts provide information vital to vessels operating in the approaches and coastal waters of the United States including Puerto Rico and the U.S. Virgin Islands. Transmissions are as follows:
- (181) **By radiotelephone:** (a) upon receipt; (b) repeated 15 minutes later, (for urgent messages only); (c) text only on the first

scheduled broadcast unless canceled; (d) additional broadcasts at the discretion of the originator.

(182) **Urgent broadcasts** are preceded by the urgent signal PAN PAN. Both the urgent signal and message are transmitted on 2182 kHz, and VHF-FM channel 16.

(183) **Safety broadcasts** are preceded by the safety signal SECURITY. After the preliminary safety signal is broadcast on 2182 kHz and VHF-FM channel 16, broadcast stations will shift to 2670 kHz and VHF-FM channel 22A, respectively.

(184) **Scheduled broadcasts.**—The following Coast Guard radio stations make scheduled broadcasts, preceded by a preliminary call on 2182 kHz and VHF-FM channel 16 at the times and frequencies indicated:

(185) **NMN-37**, Fort Macon, N.C., 2670 kHz, 0733 and 2003 e.s.t.;

(186) channel 22A, 0530 and 2030 e.s.t.

(187) **NMN-13**, Cape Hatteras, N.C., 2670 kHz, 0803 and 2033 e.s.t.;

(188) channel 22A, 0555 and 2000 e.s.t.

(189) **NMB**, Charleston, S.C., 2670 kHz, 1120, and 2320 e.s.t.; and

(190) channel 22A, 0700 and 1700 e.s.t.

(191) **NMA-10**, Mayport, Fla., 2670 kHz, 0120 and 1320 e.s.t.;

(192) channel 22A, 0715 and 1715 e.s.t.

(193) **NCF**, Miami Beach, FL, 2670 kHz (antennas at Miami Beach and Fort Lauderdale), 1050 and 2250 e.s.t.;

(194) channel 22A (antennas at Vero Beach, Jupiter, Delray Beach, Fort Lauderdale, Miami Beach, and Miami), 0730 and 1730 e.s.t.

(195) **NOK**, Key West, Fla.,

(196) channel 22A (antennas at Plantation Key, Vaca Key, and Sugarloaf Key, Fla.), 0700 and 1700 e.s.t.

(197) **Coast Guard Maritime Safety Line.**—For current local waterway information, port openings, closures, and restrictions from the Mississippi River to the Atlantic Ocean, telephone 1-800-682-1796; Puerto Rico, telephone 787-706-2416.

(198) **U.S. NAVTEX Transmitting Stations.**—NAVTEX coverage is reasonably continuous to 200 NM off the U.S. East, Gulf, and West Coasts; Puerto Rico; Southwest Alaska; Hawaii; and 300-400 NM off Guam. U.S. Coast Guard NAVTEX broadcast stations (Atlantic Ocean) and message content follow:

(199) **Boston (NMF)(Station F)**

(200) First Coast Guard District Broadcast Notices to Mariners.

(201) Distress Urgent, and Safety messages.

(202) International Ice Patrol Reports (in season).

(203) Gale, storm, and hurricane warnings.

(204) Offshore marine weather forecasts for:

(205) New England continental shelf to 1000 fathoms;

(206) Gulf of Maine;

(207) Georges Bank;

(208) South of New England;

(209) South of Nova Scotia.

(210) Broadcast times: 0045, 0445, 0845, 1245, 1645, 2045 GMT.

(211) **Portsmouth (NMN)(Station N)**

(212) Fifth Coast Guard District Broadcast Notices to Mariners.

(213) Distress, Urgent, and Safety messages.

(214) Gale, storm, and hurricane warnings.

(215) Offshore marine weather forecasts for the west central North Atlantic from 32°N to 40°N and west of 65°W including the continental shelf to 1000 fathoms.

(216) Broadcast times: 0130, 0530, 0930, 1330, 1730, 2130 GMT.

(217) **Miami (NMA)(Station A)**

- (218) Seventh Coast Guard District Broadcast Notices to Mariners.
- (219) Distress, Urgent, and Safety messages.
- (220) Gale, storm, and hurricane warnings.
- (221) Offshore marine weather forecasts for the southwest North Atlantic south of 32°N and west of 65°W.
- (222) Broadcast times: 0000, 0400, 0800, 1200, 1600, 2000 GMT.
- (223) **San Juan (NMR)(Station R)**
- (224) Greater Antilles Section Broadcast Notices to Mariners.
- (225) Distress, Urgent, and Safety messages.
- (226) Gale, storm, and hurricane warnings.
- (227) Offshore marine weather forecast for:
- (228) Puerto Rico and Virgin Islands waters out 20 NM;
- (229) Eastern Caribbean Sea east of 75°W.
- (230) Broadcast times: 0200, 0600, 1000, 1400, 1800, 2200 GMT.
- (231) **New Orleans (NMG)(Station G)**
- (232) Eighth Coast Guard District Broadcast Notices to Mariners.
- (233) Distress, Urgent, and Safety messages.
- (234) Gale, storm, and hurricane warnings.
- (235) Offshore marine weather forecast for the Gulf of Mexico
- (236) Broadcast times: 0300, 0900, 1500, 2100 GMT.

(237) **Customs Ports of Entry and Stations**

(238) Vessels may be entered and cleared at any port of entry or customs station, but at the latter only with advance authorization from the Customs Service district director.

(239) **Southeast Region**

- (240) Norfolk District:
- (241) Ports of Entry: Norfolk and Newport News, VA
- (242) Wilmington District:
- (243) Ports of Entry: Wilmington and Beaufort-Morehead City, N.C.
- (244) Charleston District:
- (245) Ports of Entry: Charleston and Georgetown, S.C.
- (246) Savannah District:
- (247) Ports of Entry: Savannah and Brunswick, Ga.
- (248) Tampa District:
- (249) Ports of Entry: Fernandina Beach, Jacksonville, and Port Canaveral, Fla.
- (250) Customs Station: Green Cove Springs, FL (supervised by Jacksonville port of entry.)
- (251) Miami District:
- (252) Ports of Entry: Miami, Key West, Port Everglades, and West Palm Beach, Fla.
- (253) Customs Station: Fort Pierce, Fla. (supervised by West Palm Beach port of entry).

(254) **Public Health Service Quarantine Stations.**—Stations where quarantine examinations are performed:

(255) Miami: U.S. Quarantine Station, International Airport, Miami, FL 33159-2335.

(256) At other ports, quarantine and/or medical examinations are usually performed by Public Health Service contract personnel or by quarantine inspectors from the nearest quarantine station. Inquiries concerning quarantine matters should be directed to the nearest quarantine station.

(257) **Food and Drug Administration (FDA) Regional Offices**

(258) **Northeast Region** (New York, Maine, Connecticut, New Hampshire, Vermont, Rhode Island): 830 Third Avenue, Brooklyn, NY 11232.

(259) **Mid-Atlantic Region** (Delaware, Pennsylvania, Virginia, Maryland, Ohio, New Jersey): U.S. Customhouse, 2nd and Chestnut Streets, Philadelphia, PA 19106.

(260) **Southeast Region** (South Carolina, North Carolina, Georgia, Alabama, Louisiana, Mississippi, Florida, Puerto Rico): 60 Eighth Street, N.E., Atlanta, GA 30309.

(261) **Midwest Region** (Illinois, Indiana, Michigan, Wisconsin): 20 N. Michigan Avenue, Chicago, IL 60602.

(262) **Southwest Region** (Texas): 3032 Bryan Street, Dallas, TX 75204.

(263) **Pacific Region** (California, Hawaii, Alaska, Washington, Oregon): 50 U.N. Plaza, San Francisco, CA 94102.

(264) **Department of Agriculture, Animal and Plant Health Inspection Service (APHIS) Offices.**—Listed below are ports covered by this volume where APHIS inspectors are available to inspect plants, and plant and animal products, and locations of Animal Import Centers where livestock and birds are inspected.

(265) Information on importation of plants, animals, and plant and animal products is available from APHIS, Department of Agriculture, Federal Building, 6505 Belcrest Road, Hyattsville, Md. 20782. The specific offices to contact are as follows: for plants, including fruits and vegetables, and plant products, Plant Protection and Quarantine, Room 635, telephone 301-436-6799; for animal products, Import-Export Animals and Products Staff, Room 756A, telephone 301-436-7885; and for live ruminants, swine, equines, and poultry and other birds, Veterinary Services, Import-Export Animals and Products Staff, Room 764, telephone 301-436-8590.

(266) **Virginia:**

(267) Norfolk: Federal Bldg., Room 311, 200 Granby Mall 23510.

(268) Newport News: P.O. Box 942, 23607.

(269) **North Carolina:**

(270) Morehead City: North Carolina Maritime Bldg., Room 216, 113 Arendell 28557.

(271) Wilmington: Rural Route 6, Box 53D, 28405.

(272) **South Carolina:**

(273) Charleston: 513 Federal Bldg., P.O. Box 941, 29402.

(274) **Georgia:**

(275) Atlanta: 650 Central Avenue, Hapeville 30354.

(276) Savannah: U.S. Courthouse and Federal Bldg., 125-126 Bull Street 31401.

(277) **Florida:**

(278) Jacksonville: Federal Office Bldg., Room 521, 400 West Bay Street 32202.

(279) Cape Canaveral: 120 George King Boulevard 32920.

(280) West Palm Beach: 158 Port Road, Riviera Beach 33404.

(281) Port Everglades: Amman Bldg., Room 305, 611 Eisenhower Boulevard 33316.

(282) Miami: FAA and NWS Bldg., Box 59-2647 AMF, 33159;

Miami Inspection Station, 3500 N.W. 62nd Avenue 33159.

(283) Key West: Federal Bldg., Room 226, 301 Simonton Street 33040.

(284) Pensacola: Federal Building, 100 North Palafax Street 32573.

(285) Tampa: 700 Twiggs Street 33601.

(286) **Animal Import Centers:**

(287) Honolulu, Hawaii: P.O. Box 50001, 96850.

(288) Miami, Fla.: 8120 NW 53rd Street, Suite 102, 33166.

(289) Rock Tavern, N.Y.: New York Animal Import Center, Stewart Airport, Rural Route 1, Box 74, 12575.

(290) **Immigration and Naturalization Service Offices**(291) **Virginia:**

(292) Norfolk: Norfolk Federal Bldg., Room 439, 200 Granby Mall 23510.

(293) **North Carolina:**

(294) Wilmington: Post Office Bldg., Room 221, P.O. Box 1743, 28402.

(295) **South Carolina:**

(296) Charleston: Federal Bldg., Room 330, 334 Meeting Street 29403.

(297) **Georgia:**

(298) Savannah: Federal Bldg./Courthouse, Room 230, P.O. Box 9269, 31402.

(299) **Florida:**

(300) Jacksonville: Post Office Bldg., Room 227, 311 West Monroe Street, P.O. Box 4608, 32201.

(301) West Palm Beach: Customs Immigration Bldg., 141 East Port Road, Riviera Beach, P.O. Box 9846, 33404.

(302) Port Everglades: Amman Bldg., Room 304, 611 Eisenhower Boulevard, P.O. Box 13054, 33316.

(303) Miami: 7880 Biscayne Boulevard 33138.

(304) Key West: 301 Simonton Street, Room 215, Box 86, 33040.

(305) **Federal Communications Commission Offices**(306) **District Field Offices:**

(307) Norfolk, VA: Military Circle, 870 North Military Highway 23502.

(308) Atlanta, Ga.: Mazel Bldg., Room 440, 1365 Peachtree Street, N.E. 30309.

(309) Miami, Fla.: Koger Bldg., Room 203, 8675 N.W. 53rd Street 33166.

(310) **National Weather Service Offices.**—The following offices will provide forecasts and climatological data or arrange to obtain these services from other offices. They will also check barometers in their offices or by telephone. (Consult local telephone directory for telephone number.)

(311) Norfolk, VA: International Airport 23518.

(312) Wilmington, NC: New Hanover County Airport, 1739 Hewlett Drive 28405.

(313) Cape Hatteras, NC: Buxton, NC 27920.

(314) Charleston, SC: 2555 Remount Road, N. Charleston, SC 29418.

(315) Daytona Beach, FL: Regional Airport, 1580 Aviation Center Parkway 32114.

(316) West Palm Beach, FL: 4245 Southern Boulevard 33406.

(317) Miami, FL: 1320 South Dixie Highway, Coral Gables, FL 33146.

(318) Melbourne, FL: 421 Croton Road 32935.

(319) Key West, FL: International Airport 33040.

(320) **Radio Weather Broadcasts.**—Taped or direct broadcasts of marine weather forecasts and storm warnings are made by commercial and Coast Guard radio stations in the areas covered by this Coast Pilot. The Coast Guard broadcasts coastal and off-shore marine weather forecasts at the times and frequencies indicated:(321) **NMN**, Portsmouth, VA

(322) 4426.0 kHz, 0030, 0500, and 2300 e.s.t.

(323) 6501.0 kHz, 0030, 0500, 0630, 1100, 1700, 1830, and 2300 e.s.t.

(324) 8764.0 kHz, 0030, 0500, 0630, 1100, 1230, 1700, 1830, and 2300 e.s.t.

(325) 13089.0 kHz, 0630, 1100, 1230, 1700, and 1830 e.s.t.

(326) 17314.0 kHz, 1230 e.s.t.

(327) Marine Weather Services Charts are available for the following areas covered by this Coast Pilot:

(328) Manasquan, N.J. to Cape Hatteras, N.C.

(329) Cape Hatteras, N.C. to Savannah, Ga.

(330) Savannah, Ga. to Apalachicola, Fla.

(331) VHF-FM weather broadcast schedules of Coast Guard radio stations are also listed in the description of Coast Guard Radio Broadcasts found elsewhere in this appendix.

(332) **NOAA Weather Radio.**—National Weather Service VHF-FM radio stations provide mariners with continuous FM broadcasts of weather warnings, forecasts, radar reports, and selected weather observations. These stations transmit on 162.55, 162.475, or 162.40 MHz. Reception range is usually up to 40 miles from the antenna site, depending on terrain, type of receiver, and antenna used. The following VHF-FM radio stations are located in or near the area covered by this Coast Pilot:

(333) KHB-37, Norfolk, Va., 162.55 MHz (36°48'N., 76°28'W.)

(334) KIG-77, Cape Hatteras, N.C., 162.475 MHz (35°16'N., 75°33'W.)

(335) KEC-84, New Bern, N.C., 162.40 MHz (35°08'N., 77°03'W.)

(336) KHB-31, Wilmington, N.C., 162.55 MHz (34°08'N., 78°11'W.)

(337) KEC-95, Myrtle Beach, S.C., 162.40 MHz (33°57'N., 79°06'W.)

(338) KHB-29, Charleston, S.C., 162.55 MHz (32°47'N., 79°50'W.)

(339) WXJ-23, Beaufort, S.C., 162.475 MHz (32°42'N., 80°40'W.)

(340) KEC-85, Savannah, Ga., 162.40 MHz (32°04'N., 81°06'W.)

(341) KHB-39, Jacksonville, Fla., 162.55 MHz (30°19'N., 81°32'W.)

(342) KIH-26, Daytona Beach, Fla., 162.40 MHz (29°12'N., 81°00'W.)

(343) WXJ-70, Melbourne, Fla., 162.55 MHz (28°04'N., 80°36'W.)

(344) WWF-69, Fort Pierce, Fla. 162.425 MHz (27°30'N., 80°20'W.)

(345) KEC-50, West Palm Beach, Fla., 162.475 MHz (26°35'N., 80°12'W.)

(346) WXX-83, Fort Myers, Fla., 162.475 MHz (26°37'N., 81°48'W.)

(347) KHB-34, Miami, Fla., 162.55 MHz (25°32'N., 80°28'W.)

(348) WWG-80, Teatable Key, Fla. 162.45 MHz (24°53'N., 80°39'W.)

(349) WXJ-95, Sugarloaf Key, Fla. 162.40 MHz (25°39'N., 81°32'W.)

(350) The National Weather Service provides **Radiofacsimile Weather Information** for east coast and Gulf coast waters through the Coast Guard Communications Station Boston at Marshfield, MA (NMF). Broadcasts are continuous on 6340.5 and 12750 kHz. Fax schedules are transmitted at 0305 Zulu time. For further information contact the National Weather Service, National Meteorological Center at (301) 763-8442, or fax (301) 899-8903.

(351) **National Weather Service Forecast Offices (WSFOs).**—Scheduled coastal marine forecasts are issued four times daily by Weather Service Forecast Offices. (See National Weather Service, chapter 1, for further details.) Individual WSFOs and their specific areas of broadcast coverage are as follows:

(352) Raleigh, N.C.: (1) South of Virginia Beach to and including Little River Inlet, out 20 miles; (2) Albemarle and Pamlico Sounds.

(353) Columbia, S.C.: South of Little River Inlet to but not including Savannah, out 20 miles.

(354) Miami, Fla.: (1) Savannah to and including St. Augustine, out 50 miles; (2) From St. Augustine to but not including Jupiter Inlet, out 50 miles; (3) Jupiter Inlet to and including Key Largo, out to Great Bahama Bank; (4) From Key Largo to Dry Tortugas including the Straits of Florida and Florida Bay.

(355) **National Weather Service Port Meteorological Officers (PMOs).**—Port Meteorological Officers provide assistance on matters of weather chart interpretation, instruments, marine weather communications, and requirements affecting ship operations. (See National Weather Service, chapter 1, for further details.) PMO offices in the area covered by this Coast Pilot are as follows:

(356) Norfolk, Va.: Norfolk International Airport 23518.

(357) Jacksonville, Fla.: Box 18367, International Airport 32229.

(358) Miami, Fla.: 1600 Port Boulevard 33132.

(359) **Radio shore stations providing medical advice.**—Messages to shore stations may be transmitted in code groups or plain language; messages should be signed by the master and be prefixed **RADIOMEDICAL**. The following stations will provide radio services for medical advice. (See Medical advice, chapter 1.)

(360) NMN, Portsmouth, VA, U.S. Coast Guard and

(361) NMA, Miami, FL, U.S. Coast Guard on HF single-sideband radiotelephone channels 424(4134 kHz), 601(6200 kHz), 816(8240 kHz), or 1205(12242 kHz).

(362) WOE, Lantana, FL, RCA Global Communications, Inc. maintains continuous guard on 500 kHz.

(363) **Measured Courses.**—The positions of measured courses are shown on the chart and their description is included in the Coast Pilots when information is reported to the National Ocean Service. Courses are located in the following places covered by this Coast Pilot:

(364) St. Johns River above Jacksonville; 11492

(365) Southward of the entrance to St. Johns River; 11490

(366) The pages in the text describing the courses can be obtained by referring to the index for the geographic places; chart numbers follow the names.